1st and Final bill

Name of work: Improvements to roads and drains at B Sector main and cross roads in ward no -04.

Work Order No: BBMP / EE/ YNK.D / W.O / 128 /2018-19 dt: 07-03-2019.

JOB NUMBER: 004-19-000010

Estimate Cost: 100.00 lakhs.

As No: EE/ YNK.D/ AS / 76/2018-19 dt 02-03-2019.

Ts No : CE / YNK.Z/ TS / 272 /2018-19 dt 02-03-2019.

Name of Contractor : KRIDL.

MEASUREMENTS

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1,Earth work excavation by manual means in ordinary soil involving an average horizontal throw up to 2 meters and an average lift uo to 1.5m,excavated surface levelled and sides neatly dresssed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications	cum							
	Premeasument Recorded vide excel sheet page no						1205.82		
							1205.82	137.80	166162.00
2	KSRB 100-1 Loading and unloading ofstone aggregates / sand/ kanker/ Moorum /soil KSRRB M100-1 Placing tipper at loading with front end loader dumpting turning for return trip excluding time for haulged and retum trip complete as per specification item No 17.1 page 130 and KSRB M.100 4.1 costof haulage excluding loading and unloading MORTH to a distance of 4.00 K.M	cum							
	Qty as in item no 1						1205.82	82.13	99034.00
3	KSRRB M2100-10 Providing and laying plain cement concrete of mix 1:3:6 with OPC @ 220 Kgs with crushed 40mm and down size graded granite metal coarse aggregates @ 0.89 cum and fine aggregates @ 0.46 cum in foundation machanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials labour, HOM curing form works scaffolding and centering complete as per specification	Cum							

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬ.ಬ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Premeasument Recorded vide excel sheet page no								
							126.56	5421.90	686201.00
4	Providing and laying Plain /reinforced cement concrete for side drains using M20 nominal mix concrete with OPC cement at 300kg with 20mm and down size granite metal coarse aggregate at 0.69 cum and fine aggregate at 0.43 cum machine mixed well compacted for walls at bottom including centring shuttering cost of materials HOM of machineries curing etc.completeexcluding cost of steel as per MORTH specification .1500,1700,2200 including cost of materials labour HOM complete as per specification do wall & Bottom thickness 15 cm	Cum			Measurements Recorded on				
	for RCC drain bed								
	15th B cross road house no 1067 to 1082 LHS		1	30.00	0.90	0.15	4.05	31/7/19	
			1	30.00	0.90	0.15	4.05		
			1	30.00	0.90	0.15	4.05		
			1	18.50	0.90	0.15	2.50		
			1	9.10	0.90	0.15	1.23		
			1	20.80	0.90	0.15	2.81		
	RHS		1	30.00	0.90	0.15	4.05		
			1	30.00	0.90	0.15	4.05		
			1	30.00	0.90	0.15	4.05		
			1	30.00	0.90	0.15	4.05		
			1	30.00	0.90	0.15	4.05		
			1	6.60	0.90	0.15	0.89		
	house no 1114 to 1097 LHS		1	30.00	0.90	0.15	4.05		
			1	30.00	0.90	0.15	4.05		
			1	30.00	0.90	0.15	4.05		
			1	30.00	0.90	0.15	4.05		
			1	30.00	0.90	0.15	4.05		
			1	6.60	0.90	0.15	0.89		
	RHS		1	30.00	0.90	0.15	4.05		
			1	30.00	0.90	0.15	4.05		
			1	30.00	0.90	0.15	4.05		
			1	30.00	0.90	0.15	4.05		
			1	16.10	0.90	0.15	2.17		
	4th B main road house no 1141 to PWD quatras RHS		1	30.00	0.90	0.15	4.05		
			1	1.00	0.90	0.15	0.14		
			1	8.50	0.90	0.15	1.15		
			1	18.00	0.90	0.15	2.43		
	LHS		1	22.70	0.90	0.15	3.06		
			1	11.00	0.90	0.15	1.49		
			1	9.00	0.90	0.15	1.22		
	cross road radha krishna house		1	30.00	0.90	0.15	4.05		

Ramajeevaiah

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಸಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Sl	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
			1	28.00	0.90	0.15	3.78		
	culverts		1	7.40	1.50	0.30	3.33		
			1	8.10	1.50	0.30	3.65		
	side walls								
	15th B cross road house no 1067 to 1082 LHS		2	30.00	0.15	0.75	6.75		
			2	30.00	0.15	0.75	6.75		
			2	30.00	0.15	0.75	6.75		
			2	18.50	0.15	0.75	4.16		
			2	9.10	0.15	0.75	2.05		
			2	20.80	0.15	0.75	4.68		
	RHS		2	30.00	0.15	0.75	6.75		
			2	30.00	0.15	0.75	6.75		
			2	30.00	0.15	0.75	6.75		
			2	30.00	0.15	0.75	6.75		
			2	30.00	0.15	0.75	6.75		
			2	6.60	0.15	0.75	1.49		
	house no 1114 to 1097 LHS		2	30.00	0.15	0.75	6.75		
			2	30.00	0.15	0.75	6.75		
			2	30.00	0.15	0.75	6.75		
			2	30.00	0.15	0.75	6.75		
			2	30.00	0.15	0.75	6.75		
			2	1.00	0.15	0.75	0.23		
	RHS		2	30.00	0.15	0.75	6.75		
			2	30.00	0.15	0.75	6.75		
			2	30.00	0.15	0.75	6.75		
			2	30.00	0.15	0.75	6.75		
			2	10.50	0.15	0.75	2.36		
	4th B main road house no 1141 to PWD quatras RHS		2	30.00	0.15	0.75	6.75		
			2	1.00	0.15	0.75	0.23		
			2	8.50	0.15	0.75	1.91		
			2	18.00	0.15	0.75	4.05		
	LHS		2	22.70	0.15	0.75	5.11		
			2	11.00	0.15	0.75	2.48		
			2	9.00	0.15	0.75	2.03		
	cross road radha krishna house		2	30.00	0.15	0.75	6.75		
			2	28.00	0.15	0.75	6.30		
	culverts		2	7.40	0.30	0.90	4.00		
			2	8.10	0.30	0.90	4.37		
	vent concrete for smooth flowing								
	15th B cross road house no 1067 to 1082 LHS		1	30.00	0.60	0.05	0.90		
			1	30.00	0.60	0.05	0.90		
			1	30.00	0.60	0.05	0.90		
			1	18.50	0.60	0.05	0.56		
			1	9.10	0.60	0.05	0.27		
			1	20.80	0.60	0.05	0.62		
	RHS		1	30.00	0.60	0.05	0.90		
			1	30.00	0.60	0.05	0.90		
			1	30.00	0.60	0.05	0.90		
			1	30.00	0.60	0.05	0.90		
			1	30.00	0.60	0.05	0.90		
			1	6.60	0.60	0.05	0.20		
	house no 1114 to 1097 LHS		1	30.00	0.60	0.05	0.90		

Ramanjeenath

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
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ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			1	30.00	0.60	0.05	0.90		
			1	30.00	0.60	0.05	0.90		
			1	30.00	0.60	0.05	0.90		
			1	30.00	0.60	0.05	0.90		
			1	6.60	0.60	0.05	0.20		
	RHS		1	30.00	0.60	0.05	0.90		
			1	30.00	0.60	0.05	0.90		
			1	30.00	0.60	0.05	0.90		
			1	30.00	0.60	0.05	0.90		
			1	16.10	0.60	0.05	0.48		
	4th B main road house no 1141 to PWD quatras RHS		1	30.00	0.60	0.05	0.90		
			1	1.00	0.60	0.05	0.03		
			1	8.50	0.60	0.05	0.26		
			1	18.00	0.60	0.05	0.54		
	LHS		1	22.70	0.60	0.05	0.68		
			1	11.00	0.60	0.05	0.33		
			1	9.00	0.60	0.05	0.27		
	cross road radha krishna house		1	30.00	0.60	0.05	0.90		
			1	28.00	0.60	0.05	0.84		
					qty ltd		303.73	7070.20	2147403.57
5	KSRB 4.9.2 providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications. Specification No. TMT bars Fe 500 KBS 4.6.3 Page No. 18/ Item No. 4.46/ PWD SR 2018-19	Tonne							
	Premeasument Recorded vide excel sheet page no						19.089	72326.98	1380670.00
6	RCC Precast Covering slab for drain (10 cm thick)	sqm							
	15th B cross road house no 1067 to 1082 LHS		1	30.00	0.90		27.00		
			1	13.00	0.90		11.70		
			1	30.00	0.90		27.00		
			1	1.20	0.90		1.08		
			1	6.00	0.90		5.40		
	RHS		1	5.00	0.90		4.50		
			1	5.00	0.90		4.50		
			1	4.00	0.90		3.60		
			1	4.00	0.90		3.60		
			1	6.00	0.90		5.40		

Ramanjeevaiah 31/7/19

CMC

Ramanjeevaiah

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
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	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			1	9.00	0.90		8.10		
			1	9.00	0.90		8.10		
			1	5.00	0.90		4.50		
	house no 1114 to 1097 LHS		1	9.00	0.90		8.10		
			1	6.00	0.90		5.40		
			1	9.00	0.90		8.10		
			1	30.00	0.90		27.00		
			1	13.00	0.90		11.70		
			1	26.00	0.90		23.40		
			1	5.00	0.90		4.50		
	RHS		1	4.00	0.90		3.60		
			1	3.00	0.90		2.70		
			1	5.00	0.90		4.50		
			1	11.00	0.90		9.90		
			1	5.00	0.90		4.50		
			1	4.00	0.90		3.60		
	4th B main road house no 1141 to PWD quatras RHS		1	30.00	0.90		27.00		
			1	1.00	0.90		0.90		
			1	8.50	0.90		7.65		
			1	4.50	0.90		4.05		
	LHS		1	22.70	0.90		20.43		
	cross road radha krishna house		1	30.00	0.90		27.00		
			1	28.00	0.90		25.20		
	Missing covering slabs		16	0.90	0.60		8.64		
			2	28.00	0.90		50.40		
			26	0.90	0.60		14.04		
			22	0.90	0.60		11.88		
			3	16.00	0.90		43.20		
			25	0.90	0.60		13.50		
			23	0.90	0.60		12.42		
			1	21.00	0.90		18.90		
							516.69	2337.00	1207505.00
7	Providing precast slab of 250 mm thick including cost of all materials, labour, curing,transportation,loading ,unloading,etc.,complete as per the direction of engineer in charge-	sqm							
			12	1.50	0.60		10.80		
			12	1.50	0.60		10.80		
							21.60	5418.00	117029.00

Executive Engineer
Yelahanka Division
Yelahanka Zone
Bruhat Bangalore Mahanagara P
BANGALORE - 560064

17/8/2020

Ramanjeeah 19/08/19

Ramanjeeah
19/08/19

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

19/08/19

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
8	KSRRB M400- Wet Mix Macadam - KSRRB M400-17 Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 (P.No.158 I.No.20.18)	Cum							
	Road cut portion road edge LHS								
	15th B cross road house no 1067 to 1082		1	30.00	(1.7+1.8)/2	0.20	10.50		
			1	30.00	(1.8+1.7)/2	0.20	10.50		
			1	30.00	(1.7+1.8)/2	0.20	10.50		
			1	30.00	(1.8+1.7)/2	0.20	10.50		
			1	30.00	(1.7+1.8)/2	0.20	10.50		
			1	3.20	(1.8+1.7)/2	0.20	1.12		
	house no 1114 to 1097		1	30.00	(1.6+1.7)/2	0.20	9.90		
			1	30.00	(1.7+1.6)/2	0.20	9.90		
			1	30.00	(1.6+1.7)/2	0.20	9.90		
			1	30.00	(1.7+1.6)/2	0.20	9.90		
			1	29.00	(1.6+1.7)/2	0.20	9.57		
	4th B main road houe no 1141 to PWD quatras		1	24.00	(1.7+1.8)/2	0.20	8.40		
			1	9.90	(1.8+1.7)/2	0.20	3.47		
			1	15.60	(1.7+1.8)/2	0.20	5.46		
			1	11.10	(1.8+1.7)/2	0.20	3.89		
			1	8.80	(1.7+1.8)/2	0.20	3.08		
			1	12.70	(1.8+1.7)/2	0.20	4.45		
			1	17.00	(1.7+1.8)/2	0.20	5.95		
	Road cut portion road edge RHS								
	15th B cross road house no 1067 to 1082		1	30.00	(1.7+1.8)/2	0.20	10.50		
			1	30.00	(1.8+1.7)/2	0.20	10.50		
			1	30.00	(1.7+1.8)/2	0.20	10.50		
			1	30.00	(1.8+1.7)/2	0.20	10.50		
			1	30.00	(1.7+1.8)/2	0.20	10.50		
			1	3.20	(1.8+1.7)/2	0.20	1.12		
	house no 1114 to 1097		1	30.00	(1.6+1.7)/2	0.20	9.90		
			1	30.00	(1.7+1.6)/2	0.20	9.90		
			1	30.00	(1.6+1.7)/2	0.20	9.90		
			1	30.00	(1.7+1.6)/2	0.20	9.90		
			1	29.00	(1.6+1.7)/2	0.20	9.57		
	4th B main road houe no 1141 to PWD quatras		1	24.00	(1.7+1.8)/2	0.20	8.40		
			1	9.90	(1.8+1.7)/2	0.20	3.47		
			1	15.60	(1.7+1.8)/2	0.20	5.46		

Engineer

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Ramyagowda 26/09/19

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಡಿ.ಎ.ಪ, ಬೆಂಗಳೂರು-106

26/09/19

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			1	11.10	(1.8+1.7)/2	0.20	3.69		
			1	8.80	(1.7+1.8)/2	0.20	3.08		
			1	12.70	(1.8+1.7)/2	0.20	4.45		
			1	17.00	(1.7+1.8)/2	0.20	5.95		
					qty		274.95	2001.28	550252
9	Providing and applying primer coat with ss bitumen emulsion on prepared surface of granular base such as WMM including clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using mechanical means complete as per specifications. MORTH Specification No.502 (P No.160/It No.21.6)	sqm							
	Road cut portion road edge left side								
	15th B cross road house no 1067 to 1082		2	30.00	(1.7+1.8)/2		105.00		
			2	30.00	(1.8+1.7)/2		105.00		
			2	30.00	(1.7+1.8)/2		105.00		
			2	30.00	(1.8+1.7)/2		105.00		
			2	30.00	(1.7+1.8)/2		105.00		
			2	3.20	(1.8+1.7)/2		11.20		
	house no 1114 to 1097		2	30.00	(1.6+1.7)/2		99.00		
			2	30.00	(1.7+1.6)/2		99.00		
			2	30.00	(1.6+1.7)/2		99.00		
			2	30.00	(1.7+1.6)/2		99.00		
			2	29.00	(1.6+1.7)/2		95.70		
	4th B main road houe no 1141 to PWD quatras		2	24.00	(1.7+1.8)/2		84.00		
			2	9.90	(1.8+1.7)/2		34.65		
			2	15.60	(1.7+1.8)/2		54.60		
			2	11.10	(1.8+1.7)/2		38.85		
			2	8.80	(1.7+1.8)/2		30.80		
			2	12.70	(1.8+1.7)/2		44.45		
			2	17.00	(1.7+1.8)/2		59.50		
							1374.75	36.04	49546

CNFC

Ramaraju

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಜ.ಬಿ.ಎಂ.ಸಿ. ಬೆಂಗಳೂರು-106

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
11	KSRRB M500- 15. Providing, laying dense graded bituminous macadam using 40/60 TPH capacity H.M.P with Mechanical paver Gr-II (50mm to 75mm), crushed aggregates of specified grading premixed with 4.5% VG 30 grade bituminous binder and , transporting the hot mix to work site , laying to the required level and grade, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications MORTH Specification No.507	Cum							
	15th B cross road house no 1067 to 1082		1	30.00	(7.3+7.2)/2	0.05	10.88		
			1	30.00	(7.2+7.0)/2	0.05	10.65		
			1	30.00	(7.0+7.1)/2	0.05	10.58		
			1	30.00	(7.1+6.8)/2	0.05	10.43		
			1	30.00	(6.8+7.1)/2	0.05	10.43		
			1	3.20	(7.1+7.2)/2	0.05	1.14		
	house no 1114 to 1097		1	30.00	(6.8+6.9)/2	0.05	10.28		
			1	30.00	(6.9+6.6)/2	0.05	10.13		
			1	30.00	(6.6+6.3)/2	0.05	9.68		
			1	30.00	(6.3+7.2)/2	0.05	10.13		
			1	29.00	(7.2+6.3)/2	0.05	9.79		
	4th B main road houe no 1141 to PWD quatras		1	24.00	(7.7+7.5)/2	0.05	9.12		
			1	9.90	(6.8+6.8)/2	0.05	3.37		
			1	15.60	(6.2+7.1)/2	0.05	5.19		
			1	11.10	(6.7+5.9)/2	0.05	3.50		
			1	8.80	(7.0+6.8)/2	0.05	3.04		
			1	12.70	(6.0+6.0)/2	0.05	3.81		
			1	17.00	(6.4+5.8)/2	0.05	5.19		
					qty		137.28	7721.04	1059960
10	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and /or compressed air to recieve bituminous treatment including cost of all materials, labour, HOM of machineries complete as per Specifications.	sqm							
	15th B cross road house no 1067 to 1082		1	30.00	(7.3+7.2)/2		217.50		
			1	30.00	(7.2+7.0)/2		213.00		
			1	30.00	(7.0+7.1)/2		211.50		
			1	30.00	(7.1+6.8)/2		208.50		
			1	30.00	(6.8+7.1)/2		208.50		

CNFC

Ramajeeral 27/09/19

Ramajeeral

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Sl	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
			1	3.20	(7.1+7.2)/2		22.88		
	house no 1114 to 1097		1	30.00	(6.8+6.9)/2		205.50		
			1	30.00	(6.9+6.6)/2		202.50		
			1	30.00	(6.6+6.3)/2		193.50		
			1	30.00	(6.3+7.2)/2		202.50		
			1	29.00	(7.2+6.3)/2		195.75		
	4th B main road houe no 1141 to PWD quatras		1	24.00	(7.7+7.5)/2		182.40		
			1	9.90	(6.8+6.8)/2		67.32		
			1	15.60	(6.2+7.1)/2		103.74		
			1	11.10	(6.7+5.9)/2		69.93		
			1	8.80	(7.0+6.8)/2		60.72		
			1	12.70	(6.0+6.0)/2		76.20		
			1	17.00	(6.4+5.8)/2		103.70		
							2745.64	5.30	**14552**
12	KSRRB 500-7:Providing and **applying tack coat with bitumen emulsion** using 80/100 grade bitumen (VG20) on the prepared black toped suface at 2.5kg per 10 sqm, heating bitumen in boiler fitted with spray set (Excluding cleaning of road surface) including cost of all materials, labour, HOM of Machineries complete as per Specifications (P.No.160 & I.No.21.7)	sqm							
	15th B cross road house no 1067 to 1082		1	30.00	(7.3+7.2)/2		217.50		
			1	30.00	(7.2+7.0)/2		213.00		
			1	30.00	(7.0+7.1)/2		211.50		
			1	30.00	(7.1+6.8)/2		208.50		
			1	30.00	(6.8+7.1)/2		208.50		
			1	3.20	(7.1+7.2)/2		22.88		
	house no 1114 to 1097		1	30.00	(6.8+6.9)/2		205.50		
			1	30.00	(6.9+6.6)/2		202.50		
			1	30.00	(6.6+6.3)/2		193.50		
			1	30.00	(6.3+7.2)/2		202.50		
			1	29.00	(7.2+6.3)/2		195.75		
	4th B main road houe no 1141 to PWD quatras		1	24.00	(7.7+7.5)/2		182.40		
			1	9.90	(6.8+6.8)/2		67.32		
			1	15.60	(6.2+7.1)/2		103.74		
			1	11.10	(6.7+5.9)/2		69.93		
			1	8.80	(7.0+6.8)/2		60.72		
			1	12.70	(6.0+6.0)/2		76.20		
			1	17.00	(6.4+5.8)/2		103.70		
							2745.64	14.84	**40745**

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಕ.ಟ.ಎಂ.ಪ. ಬೆಂಗಳೂರು-106

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
13	KSRRB M500- 15 Providing, laying bituminousConcrete using 40/60 THP capacity H.M.P with Mechanical paver Gr-II (30mm to 45mm), crushed aggregates of specified grading premixed with 6% VG 30 grade bituminous binder and , transporting the hot mix to work site , laying to the required level and grade,rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH Specification clause No.500.9 complete in all respects complete as per specifications MORTH Specification No.509 (P.No.164 Item No.21.22.6)	cum							
	15th B cross road house no 1067 to 1082		1	30.00	(7.3+7.2)/2	0.04	8.70		
			1	30.00	(7.2+7.0)/2	0.04	8.52		
			1	30.00	(7.0+7.1)/2	0.04	8.46		
			1	30.00	(7.1+6.8)/2	0.04	8.34		
			1	30.00	(6.8+7.1)/2	0.04	8.34		
			1	3.20	(7.1+7.2)/2	0.04	0.92		
	house no 1114 to 1097		1	30.00	(6.8+6.9)/2	0.04	8.22		
			1	30.00	(6.9+6.6)/2	0.04	8.10		
			1	30.00	(6.6+6.3)/2	0.04	7.74		
			1	30.00	(6.3+7.2)/2	0.04	8.10		
			1	29.00	(7.2+6.3)/2	0.04	7.83		
	4th B main road houe no 1141 to PWD quatras		1	24.00	(7.7+7.5)/2	0.04	7.30		
			1	9.90	(6.8+6.8)/2	0.04	2.69		
			1	15.60	(6.2+7.1)/2	0.04	4.15		
			1	11.10	(6.7+5.9)/2	0.04	2.80		
			1	8.80	(7.0+6.8)/2	0.04	2.43		
			1	12.70	(6.0+6.0)/2	0.04	3.05		
			1	17.00	(6.4+5.8)/2	0.04	4.15		
					qty		109.83	8980.32	986269

Executive Engineer
Yelahanka Division
Yelahanka Zone
Bruhat Bangalore Mahanagara Palike
BANGALORE - 560064

30/09/19

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬ.ಬ.ಎಂ.ಪ. ಬೆಂಗಳೂರು-106

30/09/19

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
14	KSRRB M800-13: Road marking with hot applied thermoplastic compound with reflect rising glass beads on bituminous surface- providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface to level, uniform and free from streaks and holes complete as per specifications. MORTH specification No. 803, No. 1974 (P.No.185 & I.No.24.15)	sqm							
	15th B cross road house no 1067 to 1082		2	30.00	0.10		6.00		
			2	30.00	0.10		6.00		
			2	30.00	0.10		6.00		
			2	30.00	0.10		6.00		
			2	30.00	0.10		6.00		
			2	3.20	0.10		0.64		
	house no 1114 to 1097		2	30.00	0.10		6.00		
			2	30.00	0.10		6.00		
			2	30.00	0.10		6.00		
			2	30.00	0.10		6.00		
			2	29.00	0.10		5.80		
	4th B main road houe no 1141 to PWD quatras		2	24.00	0.10		4.80		
			2	9.90	0.10		1.98		
			2	15.60	0.10		3.12		
			2	11.10	0.10		2.22		
			2	8.80	0.10		1.76		
			2	12.70	0.10		2.54		
			2	17.00	0.10		3.40		
							80.26	454.74	36497.43
							Sub Total		8541825.96
							GST 12%		1025019.12
							KRIDL service charge 4%		341673.04
							Grand Total		9908518.11

Ramanjaiah AE
14/10/19

14/10/19
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

1st and Final bill

me of work: Improvements to roads and drains at B Sector main and cross roads in ward -04.

rk Order No: BBMP / EE/ YNK.D / W.O / 128 /2018-19 dt: 07-03-2019.

B NUMBER: 004-19-000010

imate Cost: 100.00 lakhs.

No: EE/ YNK.D/ AS / 76/2018-19 dt 02-03-2019.

No : CE / YNK.Z/ TS / 272 /2018-19 dt 02-03-2019.

me of Contractor : KRIDL.

PRE - MEASUREMENTS

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
KSRRB 300-1,Earth work excavation by manual means in ordinary soil involving an average horizontal throw up to 2 meters and an average lift uo to 1 5m,excavated surface levelled and sides neatly dresssed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications	cum							
for RCC drain								
15th B cross road house no 1067 to 1082 LHS		1	30.00	1.20	1.00	36.00		
		1	30.00	1.20	1.00	36.00		
		1	30.00	1.20	1.00	36.00		
		1	30.00	1.20	1.00	36.00		
		1	18.00	1.20	1.00	21.60		
RHS		1	30.00	1.20	1.00	36.00		
		1	30.00	1.20	1.00	36.00		
		1	30.00	1.20	1.00	36.00		
		1	30.00	1.20	1.00	36.00		
		1	30.00	1.20	1.00	36.00		
		1	6.60	1.20	1.00	7.92		
house no 1114 to 1097 LHS		1	30.00	1.20	1.00	36.00		
		1	30.00	1.20	1.00	36.00		
		1	30.00	1.20	1.00	36.00		
		1	30.00	1.20	1.00	36.00		
		1	30.00	1.20	1.00	36.00		
		1	6.60	1.20	1.00	7.92		
RHS		1	30.00	1.20	1.00	36.00		
		1	30.00	1.20	1.00	36.00		
		1	30.00	1.20	1.00	36.00		
		1	30.00	1.20	1.00	36.00		
		1	16.10	1.20	1.00	19.32		
4th B main road house no 1141 to PWD quatras RHS		1	30.00	1.20	1.00	36.00		
		1	1.00	1.20	1.00	1.20		
		1	8.50	1.20	1.00	10.20		
		1	18.00	1.20	1.00	21.60		
LHS		1	22.70	1.20	1.00	27.24		
		1	11.00	1.20	1.00	13.20		
		1	9.00	1.20	1.00	10.80		

Measurements Recorded on 26/06/19

Ramaiyaraj

Page 1 of 6

26/06/19

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ-ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
cross road radha krishna house		1	30.00	1.20	1.00	36.00		
		1	28.00	1.20	1.00	33.60		
culverts		1	7.40	1.80	1.30	17.32		
		1	8.10	1.80	1.30	18.95		
Road cut portion road edge LHS								
15th B cross road house no 1067 to 1082		1	30.00	(1.7+1.8)/2	0.20	10.50		
		1	30.00	(1.8+1.7)/2	0.20	10.50		
		1	30.00	(1.7+1.8)/2	0.20	10.50		
		1	30.00	(1.8+1.7)/2	0.20	10.50		
		1	30.00	(1.7+1.8)/2	0.20	10.50		
		1	3.20	(1.8+1.7)/2	0.20	1.12		
house no 1114 to 1097		1	30.00	(1.6+1.7)/2	0.20	9.90		
		1	30.00	(1.7+1.6)/2	0.20	9.90		
		1	30.00	(1.6+1.7)/2	0.20	9.90		
		1	30.00	(1.7+1.6)/2	0.20	9.90		
		1	29.00	(1.6+1.7)/2	0.20	9.57		
4th B main road houe no 1141 to PWD quatras		1	24.00	(1.7+1.8)/2	0.20	8.40		
		1	9.90	(1.8+1.7)/2	0.20	3.47		
		1	15.60	(1.7+1.8)/2	0.20	5.46		
		1	11.10	(1.8+1.7)/2	0.20	3.89		
		1	8.80	(1.7+1.8)/2	0.20	3.08		
		1	12.70	(1.8+1.7)/2	0.20	4.45		
		1	17.00	(1.7+1.8)/2	0.20	5.95		
Road cut portion road edge RHS								
15th B cross road house no 1067 to 1082		1	30.00	(1.7+1.8)/2	0.20	10.50		
		1	30.00	(1.8+1.7)/2	0.20	10.50		
		1	30.00	(1.7+1.8)/2	0.20	10.50		
		1	30.00	(1.8+1.7)/2	0.20	10.50		
		1	30.00	(1.7+1.8)/2	0.20	10.50		
		1	3.20	(1.8+1.7)/2	0.20	1.12		
house no 1114 to 1097		1	30.00	(1.6+1.7)/2	0.20	9.90		
		1	30.00	(1.7+1.6)/2	0.20	9.90		
		1	30.00	(1.6+1.7)/2	0.20	9.90		
		1	30.00	(1.7+1.6)/2	0.20	9.90		
		1	29.00	(1.6+1.7)/2	0.20	9.57		
4th B main road houe no 1141 to PWD quatras		1	24.00	(1.7+1.8)/2	0.20	8.40		
		1	9.90	(1.8+1.7)/2	0.20	3.47		
		1	15.60	(1.7+1.8)/2	0.20	5.46		
		1	11.10	(1.8+1.7)/2	0.20	3.89		
		1	8.80	(1.7+1.8)/2	0.20	3.08		
		1	12.70	(1.8+1.7)/2	0.20	4.45		
		1	17.00	(1.7+1.8)/2	0.20	5.95		
						1205.82		

Ramanjaneyulu
26/06/19

CAFC
26/06/19
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
KSRRB M2100-10 Providing and laying plain cement concrete of mix 1:3:6 with OPC @ 220 Kgs with crushed 40mm and down size graded granite metal coarse aggregates @ 0.89 cum and fine aggregates @ 0.46 cum in foundation machanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials labour, HOM curing form works scaffolding and centering complete as per specification.	Cum							
for RCC drain								
15th B cross road house no 1067 to 1082 LHS		1	30.00	1.10	0.15	4.95		
		1	30.00	1.10	0.15	4.95		
		1	30.00	1.10	0.15	4.95		
		1	18.50	1.10	0.15	3.05		
		1	9.10	1.10	0.15	1.50		
		1	20.80	1.10	0.15	3.43		
		1	30.00	1.10	0.15	4.95		
RHS		1	30.00	1.10	0.15	4.95		
		1	30.00	1.10	0.15	4.95		
		1	30.00	1.10	0.15	4.95		
		1	30.00	1.10	0.15	4.95		
		1	6.60	1.10	0.15	1.09		
		1	30.00	1.10	0.15	4.95		
house no 1114 to 1097 LHS		1	30.00	1.10	0.15	4.95		
		1	30.00	1.10	0.15	4.95		
		1	30.00	1.10	0.15	4.95		
		1	30.00	1.10	0.15	4.95		
		1	6.60	1.10	0.15	1.09		
		1	30.00	1.10	0.15	4.95		
RHS		1	30.00	1.10	0.15	4.95		
		1	30.00	1.10	0.15	4.95		
		1	30.00	1.10	0.15	4.95		
		1	16.10	1.10	0.15	2.66		
4th B main road house no 1141 to PWD quatras RHS		1	30.00	1.10	0.15	4.95		
		1	1.00	1.10	0.15	0.17		
		1	8.50	1.10	0.15	1.40		
		1	18.00	1.10	0.15	2.97		
		1	22.70	1.10	0.15	3.75		
LHS		1	11.00	1.10	0.15	1.82		
		1	9.00	1.10	0.15	1.49		
		1	30.00	1.10	0.15	4.95		
cross road radha krishna house		1	28.00	1.10	0.15	4.62		
		1	7.40	1.50	0.15	1.67		
culverts		1	8.10	1.50	0.15	1.82		
Net Qty						126.56		

Measurements Continued... 12/07/19

Ramayanam 12/07/19

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-106

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
KSRB 4.9.2 providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications. Specification No. TMT bars Fe 500	Tonne							
for RCC drain								
15th B cross road house no 1067 to 1082 LHS								
10mm dia U shap bar at 100mm c/c								
Length = 108.50 Mtr = 108.50 .00/0.1 +1 = 1086 Nos								
Each u shape bar length = 2.50 mtr	10 mm dia	1086	2.50			2715.00		
8 mm dia Distrubution bar at 125 mm c/c	8mm dia	22	108.45			2385.90		
10mm dia U shap bar at 100mm c/c								
Length = 9.10 Mtr = 9.10/0.1 +1 = 92 Nos								
Each u shape bar length = 2.50 mtr	10 mm dia	92	2.50			230.00		
8 mm dia Distrubution bar at 125 mm c/c	8mm dia	22	9.05			199.10		
Length = 20.80 Mtr = 20.80 /0.1 +1 = 209 Nos								
Each u shape bar length = 2.50 mtr	10 mm dia	209	2.50			522.50		
8 mm dia Distrubution bar at 125 mm c/c	8mm dia	22	20.75			456.50		
RHS								
Length = 156.60 Mtr = 156.60 /0.1 +1 = 1567 Nos								
Each u shape bar length = 2.50 mtr	10 mm dia	1567	2.50			3917.50		
8 mm dia Distrubution bar at 125 mm c/c	8mm dia	22	156.55			3444.10		
House no 1114 to 1097 LHS								
10mm dia U shap bar at 100mm c/c								
Length = 156.60 Mtr = 156.60 /0.1 +1 = 1567 Nos								
Each u shape bar length = 2.80 mtr	10 mm dia	1567	2.50			3917.50		

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Ramanjaneyulu 20/07/19

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು 20/7/19
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
8 mm dia Distrubution bar at 125 mm c/c	8mm dia	25	156.55			3913.75		
House no 1114 to 1097 RHS								
Length = 136.10 Mtr = 136.10/0.1 +1 = 1362 Nos								
Each u shape bar length = 2.50 mtr	10 mm dia	1362	2.50			3405.00		
8 mm dia Distrubution bar at 125 mm c/c	8mm dia	22	136.05			2993.10		
4th B main RHS								
10mm dia U shap bar at 100mm c/c								
Length = 31.00 Mtr = 31.0 /0.1 +1 = 311 Nos								
Each u shape bar length = 2.50 mtr	10 mm dia	311	2.50			777.50		
8 mm dia Distrubution bar at 125 mm c/c	8mm dia	22	30.05			661.10		
Length = 8.50 Mtr = 8.50 /0.1 +1 = 86 Nos								
Each u shape bar length = 2.50 mts	10 mm dia	86	2.50			215.00		
8 mm dia Distrubution bar at 125 mm c/c	8mm dia	22	8.45			185.90		
10mm dia U shap bar at 100mm c/c								
Length = 18.00 Mtr = 18.0 /0.1 +1 = 181 Nos								
Each u shape bar length = 2.50 mtr	10 mm dia	181	2.50			452.50		
8 mm dia Distrubution bar at 125 mm c/c	8mm dia	22	17.95			394.90		
LHS								
10mm dia U shap bar at 100mm c/c								
Length = 31.70 Mtr = 31.70 +1 = 318 Nos								
Each u shape bar length = 2.50 mtr	10 mm dia	318	2.50			795.00		
8 mm dia Distrubution bar at 125 mm c/c	8mm dia	22	31.65			696.30		
10mm dia U shap bar at 100mm c/c								
Length = 11.00 Mtr = 11.00 /0.1 +1 = 111 Nos								
Each u shape bar length = 2.50 mtr	10 mm dia	111	2.50			277.50		
8 mm dia Distrubution bar at 125 mm c/c	8mm dia	22	10.95			240.90		
Radha krishna house road								

Ramanjaneyulu 20/7/19

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

20/7/19

Description of item	Unit	No	L	B	D	Qty	Rate	Amount
10mm dia U shap bar at 100mm c/c								
Length = 58.00 Mtr = 58.00 /0.1 +1 =581 Nos								
Each u shape bar length = 2.50 mtr	10 mm dia	581	2.50			1452.50		
8 mm dia Distrubution bar at 125 mm c/c	8mm dia	22	57.95			1274.90		
for culvert								
12mm dia U shap bar at 200mm c/c								
Length = 7.40 0 Mtr = 9.00 /0. 2 +1 =38 Nos								
Each u shape bar length = 3.55 mtrs	12 mm dia	38	3.55			134.90		
	12 mm dia	37	3.55			131.35		
10 mm dia Distrubution bar at 125 mm c/c	10mm dia	27	7.35			198.45		
	10mm dia	18	7.35			132.30		
for culvert								
12mm dia U shap bar at 200mm c/c								
Length = 8.10 Mtr = 8.10 /0. 2 +1 = 42 Nos								
Each u shape bar length = 3.35mtrs	12 mm dia	42	3.35			140.70		
	12 mm dia	41	3.35			137.35		
10 mm dia Distrubution bar at 125 mm c/c	10mm dia	27	8.05			217.35		
	10mm dia	18	8.05			144.90		
ABSTRACT								
16mm dia bar	0.00	1.580	0.00					
12mm dia bar	544.30	0.888	483.34					
10mm dia bar	19370.50	0.617	11951.60					
8mm dia bar	16846.45	0.395	6654.35					
			19089.28					
						19089.28		
			Tonne			19.089		
						19.089		

Ramanagara Sub Division

A2

20/7/19

C&RC

20/07/19

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು.
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ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106